

A2  
wherein said viscous fluid is disposed inside of and outside of said hemispheres.

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A3  
18. (Once Amended) A trauma mitigation device comprising:  
an enclosure having a fluid impervious barrier;  
a crushable matrix disposed within said enclosure;  
a viscous fluid disposed within said enclosure;  
said crushable matrix includes a plurality of pyramids;  
said pyramids disposed in pairs connected at the apexes; and  
wherein said viscous fluid is disposed outside of each said pyramid.

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A4  
20. (Once Amended) A trauma mitigation device comprising:  
an enclosure having a fluid impervious barrier;  
a crushable matrix disposed within said enclosure;  
a viscous fluid disposed within said enclosure;  
said crushable matrix includes a plurality of pyramids;  
said pyramids disposed in pairs connected at the apexes;  
wherein said crushable matrix includes a supporting layer;  
said each pyramid in said plurality of pyramids has a base with arms extending from said base; and  
said arms contact said supporting layer.

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A5  
22. (Once Amended) The trauma mitigation device of Claim 21, wherein said flexible material is formed having at least one accordion pleat along an edge of said enclosure, said pleat structured to accommodate percussive expansion along the plane of said enclosure. ~~to~~ ~~IV~~

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REMARKS

The Office Action dated March 31, 2003 and cited prior art has been reviewed carefully and the application amended in order to place the same in condition for